EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	693	427/595.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/27 16:35
S2	1833	427/595.ccls. OR 427/596.ccls. OR 427/597.ccls. OR 427/592.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/27 16:36
S6	315	427/597.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/27 16:44
S7	0	427/597.ccls. intensity	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/27 16:44
S8	3	US-2002/0071772-A1.did. OR "6450416".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/27 17:45

S9	2	US-20020071772-$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/27 17:48
S10	1	("2002/0071772").URPN.	USPAT	ADJ	ON	2008/03/27 17:51
S11	4	(("5819983") or ("5564606") or ("2976392")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/03/27 17:58
S12	35439	syringe.ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/31 10:17
S13	248	((viscous OR viscosity) NEAR5 syringe).ab.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/31 10:18
S14	248	((viscous OR viscosity) NEAR5 syringe).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/31 10:18
S15	248	((viscous OR viscosity) NEAR5 syringe).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/31 10:19

S16	2	(("4661368") or ("4762578")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/14 14:04
S17	2	(("4661368") or ("4762578") or ("4661368")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/14 14:07
S18	2	(("4661368") or ("4762578")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/14 14:08
S19	37	("3143041" | "3809308" | "4485387" | "4661368").PN. OR ("4762578").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 14:09
S20	1	("5320250").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/14 14:21
S21	2	("0368428").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/14 14:43
S22	7	(("6368428") or ("5368428") or ("4368428") or ("3368428") or ("1368428") or ("1368428")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/14 14:44
S23	7	(("7368428") or ("6368428") or ("5368428") or ("4368428") or ("3368428") or ("1368428") or ("1368428")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/14 14:44

S24	33	("3329347" | "3485417" | "3690518" | "3811601" | "3936030" | "4050613" | "4264214" | "4334637" | "4437488" | "4465212" | "4480749" | "4488665" | "4531679" | "4572103" | "4661368" | "4684956" | "4710399" | "4711379" | "4736704" | "4762578" | "4784582" | "4896085" | "4951917" | "4962871" | "4967933" | "4985715" | "5022629" | "5054650" | "5074443" | "5221025" | "5320250").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 15:52
S25	59	("2880764" | "2898860" | "3851801" | "3950761" | "4030640" | "4294581" | "4550325" | "4692351" | "4711379" | "4935261" | "4974754" | "5110615" | "5154319" | "5195656" | "5234134").PN. OR ("5320250").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/14 15:52
S26	200	jet soldering	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 16:13
S27	0	jet soldering AND vary volume	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 16:14
S28	0	jet soldering AND vary drop	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 16:14
S29	23	jet soldering AND vary	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 16:14

S30	37	jet soldering AND size	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/14 16:15
S32	1697	(222/55 OR 222/56 OR 222/57).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/15 18:14
S33	7	S32 AND (DROP OR DROPLET) VOLUME	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/15 18:15
S34	161	S32 AND (DROP OR DROPLET) and SIZE and (DIFFERENT or VARYING)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/15 18:34
S35	6	S32 AND (DROP OR DROPLET) NEAR5 SIZE NEAR5 (DIFFERENT or VARYING)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/15 18:34
S36	3	US2002/0071772.did. OR WO0232201.did. OR "6450416".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/21 08:52
S37	6	US-20020071772-$.did. OR WO-0232201-$.did. OR "6450416".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/21 08:53

S38	10	US-20020071772-$.did. OR WO-0232201-$.did. OR "6450416".pn. OR JP-2001217529-$.did. OR JP-2001046940-$.did.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/21 08:56
S40	72	222/596.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/21 09:04
S41	1	("4967933").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/21 09:35
S42	26	("4967933").URPN.	USPAT	ADJ	ON	2008/04/21 09:37
S43	1	("5913455").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/22 15:10
S44	1	("5564606").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/22 16:00
S45	5	"222".clas. AND impact velocity	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/22 16:49
S46	63	"222".clas. AND feeding rate	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/22 16:50

S47	90500	"222".clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/22 16:51
S48	137828	"222".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/22 16:51
S49	7	"222".clas. AND impact velocity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/22 16:52
S50	137925	"222".clas. OR "239".clas. AND impact velocity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/22 16:53
S51	104	("222".clas. OR "239".clas.) AND impact velocity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/22 16:53
S52	3393	jetting AND nozzle AND clean	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/22 17:17

S53	276	jetting AND nozzle AND (clean OR cleaning OR remove) NEAR5 (residue OR overflow)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/22 17:18
S54	58	jetting AND nozzle AND (clean OR cleaning OR remove) NEAR5 (residue OR overflow) SAME (gas OR gaseous OR air OR blow OR blast)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/22 17:19
S55	28	HOLM-WILLIAM.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/22 17:22
S59	77	(HOLM, william).in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/22 17:23
S62	10	(("4,004,733") or ("4,200,232") or ("5,048,454") or ("5,988,526") or ("6,863,225") or ("4,857,367") or ("5,129,579") or ("6,270,019") or ("5,447,254") or ("4,970,985")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/22 17:52
S63	11	(("4,004,733") or ("4,200,232") or ("5,048,454") or ("5,988,526") or ("6,863,225") or ("4,857,367") or ("5,129,579") or ("6,270,019") or ("5,447,254") or ("4,970,985") or ("6450416")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/23 08:45
S64	9	("3747155" | "4093123" | "4563840" | "4600149" | "4733428" | "4832752" | "5147087" | "5464390" | "5756155").PN. OR ("5988526").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 08:56

S65	3	"5338360"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/23 09:54
S66	24	nillson.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/23 09:55
S67	6953	nilsson.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/23 09:55
S68	0	kenth nilsson.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/23 09:55
S69	0	kenth.in. nilsson.in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/23 09:55
S70	0	(kenth nilsson).in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/23 09:56
S71	107	(nilsson, kenth).in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/23 09:56

S72	41	(BERG, JOHAN).in. OR (KRONSTEDT, JOHAN).in. OR (SANDELL, HAKAN).in.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/23 09:59
S73	47	("3329347" | "3485417" | "3690518" | "3811601" | "3936030" | "4050613" | "4264214" | "4334637" | "4437488" | "4465212" | "4480749" | "4488665" | "4531679" | "4572103" | "4661368" | "4684956" | "4710399" | "4711379" | "4736704" | "4762578" | "4784582" | "4896085" | "4951917" | "4962871" | "4967933" | "4985715" | "5022629" | "5054650" | "5074443" | "5221025" | "5320250").PN. OR ("5913455").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/23 12:03
S74	31	nozzle velocity AND splash	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/23 16:13
S75	8	(("4,266,232") or ("5,320,250") or ("5,495,270") or ("5,581,286") or ("5,747,102") or ("5,876,615") or ("6,029,896") or ("6,126,263")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2008/04/23 18:44
S76	1956	427/595.ccls. OR 427/596.ccls. OR 427/597.ccls. OR 427/592.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 17:18
S77	328	427/597.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 17:18

S78	1709	(222/55 OR 222/56 OR 222/57).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 17:18
S79	73	222/596.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 17:18
S80	3738	S76 S77 S78 S79	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/23 17:18
S81	91590	"222".clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 17:18
S82	0	222/14-22.clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 17:19
S83	942	222/14-22.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 17:19
S84	2559	222/591-603.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 17:21

S85	16	jet$4 and S83	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 17:23
S86	0	(vary$3 or chang$3 or adjust$3 or control$4) neaer3 volume	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 17:30
S87	229772	(vary$3 or chang$3 or adjust$3 or control$4) near3 volume	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 17:30
S88	153	(S83 or S84) and S87	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 17:31
S89	130	(S83 or S84) and S87 and @PY<"2005"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 17:31
S90	133	(S83 or S84) and S87 and @PY<"2006"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 17:31
S91	16	(S83 or S84) and S87 and @PY<"2006" and jet$5	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 17:31

S92	11948	(vary$3 or chang$3 or adjust$3 or control$4) near3 (size or volume or diameter) with (drop$3 or blob)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 18:12
S93	2144	239/435,445,4,13,128,133,134,102.2.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 18:13
S94	0	222/251+.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 18:13
S95	747	73/863.01-863.03.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 18:14
S96	129	S92 and (S93 or S95 or S80 or S84)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 18:16
S97	91	S92 and (S93 or S95 or S80 or S84) and @PY<"2005"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 18:16
S98	31	S92 and (S93 or S95 or S80 or S84) and (viscous or solder)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 18:16

S99	1974	S92 and (viscous or solder)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 18:46
S100	926	(fill$3 or replac$3 or replenish$3) near3 (size or volume or diameter) with (drop$3 or blob)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 18:47
S101	1	S100 and (S93 or S95 or S80 or S84) and (viscous or solder)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/23 18:47
S102	11948	(vary$3 or chang$3 or adjust$3 or control$4) near3 (size or volume or diameter) with (drop$3 or blob)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/24 13:32
S103	220	S102 and "222".clas.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/24 13:32
S104	1956	427/595.ccls. OR 427/596.ccls. OR 427/597.ccls. OR 427/592.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/24 13:32
S105	328	427/597.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/24 13:32

S106	1709	(222/55 OR 222/56 OR 222/57).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/24 13:32
S107	73	222/596.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/24 13:32
S108	3738	S104 S105 S106 S107	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/24 13:32
S109	2559	222/591-603.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/24 13:32
S110	2144	239/435,445,4,13,128,133,134,102.2.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/24 13:32
S111	747	73/863.01-863.03.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/24 13:32
S112	31	S102 and (S110 or S111 or S108 or S109) and (viscous or solder)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/24 13:32

S113	200	S102 and "222".clas. not S112	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/24 13:32
S114	143	S102 and "222".clas. not S112 and @PY<"2004"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/24 13:33
S115	2	"US 20050167519"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 16:18
S116	1	2004-143680.NRAN.	DERWENT	ADJ	ON	2009/07/07 16:19
S117	1	2004-143680.NRAN.	DERWENT	ADJ	ON	2009/07/07 16:41
S118	60	B05D1/26.ipc.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 17:00
S119	27	B05D1/26.ipc. and jet$5	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 17:02
S120	2355	B05B17/06.ipc. or B05C5/00.ipc. or B05D3/00.ipc. or B23K1/00.ipc. or B23K3/06.ipc. or H05K3/34.ipc.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 17:11
S121	272	S120 and jet$5 and drop$4	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 17:12

S122	2355	B05B17/06.ipc. or B05C5/00.ipc. or B05D3/00.ipc. or B23K1/00.ipc. or B23K3/06.ipc. or H05K3/34.ipc.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 17:19
S123	39	S122 and jet$5 and drop$4 near20 volume	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 17:19
S124	4068190	(impact$3 or hammer$3 or strik$3 or hit$4 or thrust $3 or tap$4)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 17:43
S125	2412879	droplet or blob or drop or ball or glob or globule	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 17:46
S128	2355	B05B17/06.ipc. or B05C5/00.ipc. or B05D3/00.ipc. or B23K1/00.ipc. or B23K3/06.ipc. or H05K3/34.ipc.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 17:53
S129	765	73/863.01-863.03.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 17:53
S130	2199	239/435,445,4,13,128,133,134,102.2.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 17:54
S131	2582	222/591-603.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 17:54

S132	1717	(222/55 OR 222/56 OR 222/57).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 17:54
S133	2031	427/595.ccls. OR 427/596.ccls. OR 427/597.ccls. OR 427/592.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 17:55
S134	11588	S133 S132 S131 S130 S129 S128	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/07 17:56
S135	12531762	(vary or varying or varied or varies or alter$3 or differ or modif$4 or adjust$3 or chang$3 or adjust$3 or control$4)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 17:58
S136	9517537	(volume or size or amount or quantity or diameter or radius)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 17:59
S137	2412879	droplet or blob or drop or ball or glob or globule	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 18:01
S139	4317441	(impact$3 or hammer$3 or strik$3 or hit$4 or thrust $3 or tap$4 or transducer)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 18:50

S140	6351	(droplet or blob or drop or ball or glob or globule) near10 (volume or size or amount or quantity or diameter or radius) near10 (vary or varying or varied or varies or alter$3 or differ or modif$4 or adjust$3 or chang$3 or adjust$3 or control$4) and (impact$3 or hammer$3 or strik$3 or hit$4 or thrust$3 or tap$4 or transducer) and (inkjet or ink jet or jetting)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 18:53
S141	5072	(droplet or blob or drop or ball or glob or globule) near5 (volume or size or amount or quantity or diameter or radius) near5 (vary or varying or varied or varies or alter$3 or differ or modif$4 or adjust$3 or chang$3 or adjust$3 or control$4) and (impact$3 or hammer$3 or strik$3 or hit$4 or thrust$3 or tap$4 or transducer) and (inkjet or ink jet or jetting)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 18:55
S142	2355	B05B17/06.ipc. or B05C5/00.ipc. or B05D3/00.ipc. or B23K1/00.ipc. or B23K3/06.ipc. or H05K3/34.ipc.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 18:56
S143	765	73/863.01-863.03.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 18:56
S144	2199	239/435,445,4,13,128,133,134,102.2.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 18:56
S145	2582	222/591-603.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 18:56

S146	1717	(222/55 OR 222/56 OR 222/57).CCLS.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 18:56
S147	2031	427/595.ccls. OR 427/596.ccls. OR 427/597.ccls. OR 427/592.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 18:56
S148	11588	S147 S146 S145 S144 S143 S142	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/07 18:56
S149	82	(droplet or blob or drop or ball or glob or globule) near5 (volume or size or amount or quantity or diameter or radius) near5 (vary or varying or varied or varies or alter$3 or differ or modif$4 or adjust$3 or chang$3 or adjust$3 or control$4) and (impact$3 or hammer$3 or strik$3 or hit$4 or thrust$3 or tap$4 or transducer) and (inkjet or ink jet or jetting) and S148	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 18:56
S150	2	"US 20050167519"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 19:28
S151	8	(droplet or blob or drop or ball or glob or globule) near5 (volume or size or amount or quantity or diameter or radius) near5 (vary or varying or varied or varies or alter$3 or differ or modif$4 or adjust$3 or chang$3 or adjust$3 or control$4) and (impact$3 or hammer$3 or strik$3 or hit$4 or thrust$3 or tap$4 or transducer) and (inkjet or ink jet or jetting) and 222/420-422.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 19:39

S152	22	(droplet or blob or drop or ball or glob or globule) near5 (volume or size or amount or quantity or diameter or radius) near5 (vary or varying or varied or varies or alter$3 or differ or modif$4 or adjust$3 or chang$3 or adjust$3 or control$4) and (impact$3 or hammer$3 or strik$3 or hit$4 or thrust$3 or tapp$3) and (inkjet or ink jet or jetting) and "222".clas.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/07 19:42
S153	1	("6450416").PN.	USPAT; USOCR	OR	OFF	2009/07/07 19:50
S154	10	("3711020" | "5248087" | "5564606" | "5656339" | "5894980" | "5931355" | "5984147" | "6325271").PN. OR ("6450416").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/07 19:50
S155	0	"apparatus and method of feeding liquid".ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/07 20:04
S156	86	((TERUO) near2 (MARUYAMA)).INV.	US-PGPUB; USPAT	ADJ	ON	2009/07/07 20:23
S157	12	((TAKASHI) near2 (SONODA)).INV.	USPAT	ADJ	ON	2009/07/07 20:34
S158	7480	(droplet or blob or drop or ball or glob or globule) and (positive or direct) displacement pump	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/08 14:25
S159	134	(droplet or blob or drop or ball or glob or globule) and jetting and (positive or direct) displacement pump	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/08 14:26
S160	105	(droplet or blob or drop or ball or glob or globule) and jetting and (positive or direct) displacement pump and @PY<"2006"	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/07/08 14:26
S161	1	("6605666").PN.	USPAT; USOCR	OR	OFF	2009/07/09 11:58

7/13/2009 1:38:28 PM

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